

# Tsenguunjav Byambasuren

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ACADEMIC APPOINTMENT	<b>Trinity College Dublin</b> , Dublin, Ireland Assistant Professor in Economics, 2025 – present	
EDUCATION	<b>Cornell University</b> , Ithaca, NY Ph.D. in Applied Economics and Management, 2019 – 2025 Dissertation: “Essays on Labor Market Power” Advisors: Nancy H. Chau (Chair), Arnab K. Basu, Michele Belot, Ravi Kanbur  <b>Cornell University</b> , Ithaca, NY Master of Science in Applied Economics and Management, 2017 – 2019  <b>University of Finance and Economics</b> , Ulaanbaatar, Mongolia Bachelor of Science in Economics (with distinction), 2009 – 2013	
AFFILIATION	Monash University, Centre of Excellence for the Elimination of Violence Against Women (CEVAW) Research Affiliate	2025 – present
AWARDS, GRANTS, AND FELLOWSHIPS	Graduate Fellowship, Dyson School, Cornell IAB PhD Workshop Travel Grant, Institute for Employment Research, Germany EEA Travel Grant, European Economic Association Dyson Graduate Teaching Assistant – Outstanding Service Award, Cornell Graduate Teaching Assistant Fellowship, Dyson School, Cornell Cornell Graduate School Conference Travel Grant Graduate Assistant Fellowship, Dyson School, Cornell Summer Internship Grant (declined), CIPA, Cornell Tuition Fellowship, Cornell Institute for Public Affairs (CIPA), Cornell Dean’s List, University of Finance and Economics, Mongolia	2019 – 2020, 2024 – 2025 2025 2024 2024 2020 – 2024 2022, 2023, 2024(x2), 2025 Summer 2020 – 2023 2018 2017 – 2018 2010 – 2012
TEACHING EXPERIENCE	<b>Trinity College Dublin</b> , Dublin, Ireland Quantitative Methods for Economics I (MSc in Economic Policy, ECP77211) Economics Capstone (Undergraduate Thesis, ECU44100)  <b>Cornell University</b> , Ithaca, NY International Trade and Finance (Undergraduate, AEM/ECON 2300) Coordinating Teaching Assistant to Professor Arnab K. Basu Teaching Assistant to Professor Arnab K. Basu Teaching Assistant to Professor David R. Lee	

Introduction to Macroeconomic Theory and Policy (Undergraduate, AEM 1300)	Summer 2024/2025
Coordinating Teaching Assistant to Professor Arnab K. Basu	
Applied Managerial Economics (Undergraduate, AEM 4100)	Fall 2022/2023
Teaching Assistant to Professor Terry Alexander	
Research and Methods (Master of Professional Studies, AEM 6991)	Fall 2021
Teaching Assistant to Professors Mark Conostas, Aija Leiponen, Daniela Scur	
Consumer Behavior (Undergraduate, AEM 3440)	Fall 2020
Teaching Assistant to Professor Alison Shields	

PUBLISHED  
PAPERS

“Cooking Fuel Choice and Child Mortality in India”  
(with Arnab K. Basu, Nancy H. Chau and Neha Khanna)  
*Journal of Economic Behavior and Organization*, 2024, 222: 240-265.  
Featured in Cornell Chronicle, The Hindu, The Times of India, Times Now, Press Trust of India,  
Medical Xpress  
George F. Warren Award for Outstanding Paper, Cornell University

WORKING  
PAPERS

**“Automation Threat and Labor Market Power”** (Job Market Paper)

This paper studies the role of automation threat in firms’ labor market power. Employing the production approach, I show that workers in an average German manufacturer receive 79 cents on the marginal euro. Using automation threat proxied by local labor market regions’ exposure to industrial robots instrumented by plausibly exogenous shift-share factors, I find that robot exposure increases employer power over routine workers in areas with weaker unions in East Germany with spatial frictions. The empirical findings are consistent with the wage bargaining model where employers retain the “right-to-manage” their workforce composition and unions representing different workers separately bargain with the firm.

**“Public Works Program, Labor Supply, and Monopsony”** (with Nancy H. Chau and Vidhya Soundararajan)

This paper studies the role of changes in workforce composition in monopsony power. We develop a monopsony model in which a firm’s wage markdown—the wedge between MRPL and wage—is a weighted average of markdowns for heterogeneous workers. We empirically illustrate the theory using India’s National Rural Employment Guarantee Act (NREGA), which generates non-manufacturing jobs in rural areas. Consistent with the model predictions, at manufacturing firms, we find that the program increases average markdowns by crowding out mobile workers and effectively increasing the share of immobile workers with low labor supply elasticity.

**“Alcohol Consumption and Intimate Partner Violence: Long-Term Effects of a Temporary Alcohol Ban”** (with Arnab K. Basu and Nancy H. Chau), *Under Review*

We trace the impact of a partial liquor ban – from launch to reversal – on alcohol consumption and women’s experience with intimate partner violence (IPV) in Kerala, India. Decomposing the policy-induced and reversal effects by employing difference-in-differences and event-study approaches, we identify a significant reduction in alcohol consumption (but only in liquor-serving bars) with an accompanying reduction in IPV during the policy period. However, both alcohol consumption and IPV rebounded to pre-ban levels after the policy removal. Heterogeneity analysis further reveals these effects to be confined only amongst high-wealth households. A battery of robustness tests confirms our findings.

**“Work Incentives, Earnings and Domestic Violence: Evidence from Sub-Saharan Africa”** (with Anh Nguyen)

Using representative data from over 30 countries in Sub-Saharan Africa, this paper presents nearly continent-wide evidence that increasing women’s work incentives and earnings potential, induced by artisanal mining and commodity price rises, decreases violence within the household. We leverage spatial variation in gold suitability

and exogenous temporal variation in global gold prices, conditional on industrial mining, to create variation in the profitability of artisanal mining. We identify increases in women’s activities in mining and retail industries relative to men and the rise in women’s intrahousehold bargaining power as mechanisms for the decrease in the risk of intimate partner violence.

## RESEARCH IN PROGRESS

**“Capital Market Integration, Labor Market Distortions, and Labor Misallocation”** (with Nancy H. Chau, Anh Nguyen and Vidhya Soundararajan)

**“On the Intra-Household Public Goods and Fertility Trade-Off”** (with Arnab K. Basu and Nancy H. Chau)

## POLICY WORK

“Exploring Geospatial-Based Approaches to Develop a Pre-Census National Sampling Frame in Armenia” (with Saida Ismailakhunova, Avralt-Od Purevjav and Sarchil Qader), *Under Review at Nature: Humanities and Social Sciences Communications*

**World Bank Policy Research Working Paper 11039**, 2025.

Featured in Devdiscourse

“Distributional Impact of Energy Tariff Reforms in the Republic of Georgia”  
(with Saida Ismailakhunova, Avralt-Od Purevjav and Juan Carlos Palacios Mora)

“Listening to Georgia and Armenia: Baseline and Phone Surveys and Analyses”  
(with Saida Ismailakhunova, Avralt-Od Purevjav and others)

## DISCUSSIONS

2024 NEUDC Conference Discussant: “Global Labor Market Power” by Amodio, Brancati, Brummund, de Roux, and Di Maio

2023 MWIEDC Conference Discussant: “Family Planning and the Female Labor Supply: Evidence from Urban Malawi” by Karra, Maggio, and Canning

## PRESENTATIONS

ASSA Annual Meeting in Philadelphia (scheduled), 2nd Conference on Institutions and Prosperity: Supporting Firms and Workers at the World Bank HQ (scheduled), 19th Australasian Trade Workshop at Deakin University (scheduled) 2026

ASSA Annual Meeting in San Francisco, University of Georgia (Agricultural and Applied Economics), 16th IAB PhD Workshop in Nuremberg, UNU-WIDER Development Conference in Helsinki, 6th EALE-SOLE-AASLE Conference in Toronto, 11th Conference of the Society for the Study of Economic Inequality at the World Bank HQ, Work in Progress Seminar at Trinity College Dublin 2025

STEG Annual Conference at NYU Abu Dhabi, MWIEDC Conference at the University of Chicago, SOLE Annual Meeting in Portland OR, Online Africa Meeting of the Econometric Society, EEA-ESEM Annual Meeting at Erasmus School of Economics, EALE Conference at Norwegian School of Economics, AEP Seminar at Cornell University, NEUDC Conference at Northeastern University 2024

PacDev Conference at the University of Washington, MWIEDC Conference at the University of Houston, 24th IZA Summer School in Labor Economics in Berlin 2023

	WEAI Annual Conference in Portland OR, APPAM Fall Research Conference in Washington DC, 17th Annual Conference at Indian Statistical Institute	2022
OTHER RESEARCH POSITIONS	Research Assistant to Professor Nancy H. Chau	2018, 2023, 2025
	Research Assistant to Professor Arnab K. Basu	2022
	Research Assistant to Professor Eswar Prasad	2019
OTHER WORK EXPERIENCE	Consultant, Poverty and Equity Group, The World Bank	2023 – present
	Summer Intern, Global Indicators Group, The World Bank	2019
	Economist, Research and Statistics Department, Central Bank of Mongolia	2013 – 2017
PROFESSIONAL ACTIVITIES	Professional Association Membership: American Economic Association, Member, 2024 – present European Economic Association, Member, 2024 – present The Econometric Society, Member, 2023 – 2025 Cornell Center for Social Sciences, Affiliated Student, 2023 – 2025 Cornell University, Diversity in Cornell Economics (DICE), General Member, 2022 – 2025	
SKILLS	Software/Programming Stata, R, MATLAB, ArcGIS, EViews, LaTeX Language English (fluent), Mongolian (native)	